

BRAVO

#### Air Monitoring

Today an EPA Team began mobile air monitoring in the Manchester community located in the NE quadrant of Interstate Highway 610 (I-610) and State Highway 225 in Houston, Harris County, Texas

Operations began at approximately 1630 hours on 3 September 2017

As of this reporting, 6 monitoring locations:

- 3 monitoring location adjacent to the Manchester Community Center
- 2 monitoring locations adjacent to the Manchester Baptist Church
- 1 monitoring location adjacent to the St. Alphonsus Catholic Church

All monitoring results were at background conditions.

Monitoring parameters:

- Oxygen (%)
- SO<sub>2</sub> (ppm)
- CO (ppm)
- LEL (%)
- H<sub>2</sub>S (ppm)
- VOCs (ppm)

#### WATER ASSESSMENTS (TODAY)

The five 2-person teams completed site assessments at 24 public drinking water systems.

The three 2-person teams completed site assessments at **14** wastewater treatment facilities.

Bravo Branch is operational. Warren Zehner has relieved Bill Rhotenberry as the EPA Branch Director, Matt Tilimon remains the Deputy. LT Arons proceeding to Port Arthur in the morning. Approximately 80 responders reported to the operations briefing.

The oil discharge assessment branch visited 7 facilities and 4 sunken vessels. Of those targets, we have two of particular concern and 7 to follow-up on within the next few days.

The Magellan facility along the Houston Ship Channel reported approximately 25,000 barrels of a gas/stock blend released within their facility and currently contained in secondary containment. The Facility staff hired an OSRO and are planning to pump the product from containment to a tank using OWS to commence tomorrow morning. This process will be in accordance with standard facility plan. Assessment team sent a safety officer and confirmed safe protocols were in place to include air monitoring.

The San Jacinto River and Rail Facility, W and P Development, reported an approximately 15,000 gallons (amount unknown) of waste oil discharged within their facility to include 12 mystery drums scattered across the facility. Damage Assessment teams confirmed that vegetation and residual ponds are coated with an oil. The RP is in the process of hiring an OSRO to commence clean-up operations. On second assessment, responders reported potential oil in the waterway. Discharge assessment will continue to confirm clean-up moves forward and conduct SCAT when able.

Houston's Helicopter, N-972L was airborne approximately 6 hours and reported one potential pollution concern at the Chevron Phillips Facility in Cedar Bayou. A team was vectored to the facility and confirmed a sheen in the water and some product bubbling. They spoke to the Facility IH who was unaware of a potential leak and is commencing assessments. Bravo Branch will follow-up daily.

Hazard Evaluation Teams were tasked to begin inland assessments in Chambers and Liberty Counties with nothing significant to report. They assessed and pinpointed primarily orphaned drums, gas cans, and propane tanks. They identified over 30 targets throughout the assessment area.

ASPECT flew targets in Houston/Crosby area.

**Daily/Cumulative summary of Hazard Evaluations/Recovery**

Status	Opened		Closed	
	9/3/2017	Cumulative	9/3/2017	Cumulative
Bravo Branch	26	94	7	10

**Daily/Cumulative Summary of Spills/Discharges**

Status	Opened		Closed	
	9/3/2017	Cumulative	9/3/2017	Cumulative
Bravo Branch	0	30	2	3